

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wireless network system comprising:
a first radio-relay terminating station;
a first radio-relay station being connected to said first radio-relay terminating station in a wireless manner;
a wireless terminal being connected to said first radio-relay station in a wireless manner; and
wherein said first radio-relay terminating station preserves a plurality of network addresses to be assigned to said first radio-relay station and to said wireless terminal, assigns a first network address belonging to said plurality of network addresses to said first radio-relay station and collectively feeds ~~[[an]]~~ a first address pool making up a part of said plurality of network addresses to the first radio-relay station and wherein said first radio-relay station preserves said first address pool and assigns a second network address belonging to said first address pool to said wireless terminal.
2. (Currently Amended) The wireless network system according to claim 1, further comprising ~~an other~~ a second radio-relay station, wherein said ~~other~~ second radio-relay station preserves ~~an other~~ a second address pool being different from said first address pool and wherein, when said first radio-relay station is connected to said ~~other~~ second radio-relay station as a parent station, said ~~other~~ second radio-relay station assigns a third network address belonging to said ~~other~~ second address pool to said first radio-relay station.

3. (Currently Amended) The wireless network system according to claim 2, wherein, when said ~~other~~ second radio-relay station is connected to said first radio-relay terminating station, said ~~other~~ second address pool makes up of a part of said plurality of network addresses and said first address pool is not ~~renewed~~ updated and said second network address is not ~~renewed~~ updated.

4. (Currently Amended) The wireless network system according to claim 2, further comprising ~~an other~~ second radio-relay terminating station which preserves ~~an other~~ a second plurality of network addresses being different from said plurality of network addresses and wherein, when said ~~other~~ second radio-relay station is connected to said ~~other~~ second radio-relay terminating station, said first address pool is ~~renewed~~ updated to become still ~~an other~~ a third address pool making up a part of said other plurality of network addresses and said second network address is ~~renewed~~ updated to become a fourth network address belonging to said ~~other~~ third address pool.

5. (Currently Amended) A network address assigning method for assigning a network address to a first radio-relay station and a wireless terminal in a wireless network system made up of a first radio-relay terminating station, said first radio-relay station, and said wireless terminal, said method comprising:

a step of feeding a plurality of network addresses to said first radio-relay terminating station;

a step of assigning a first network address belonging to said plurality of network addresses to said first radio-relay station being connected to said first radio-relay terminating station in a wireless manner;

a step of notifying said first radio-relay station being connected to said first radio-relay terminating station in said wireless manner of ~~[[an]]~~ a first address pool making up a part of said plurality of network addresses; and

a step of assigning a second network address belonging to said first address pool to said wireless terminal being connected to said first radio-relay station in a wireless manner.

6. (Currently Amended) The network address assigning method according to claim 5, wherein said wireless network system includes ~~an other~~ a second radio-relay station having ~~an other~~ a second address pool being different from said first address pool and wherein, when said first radio-relay station is connected to said ~~other~~ second radio-relay station as a parent station, a third network address belonging to said ~~other~~ second address pool is assigned to said first radio-relay station.

7. (Currently Amended) The network address assigning method according to claim 6, wherein, when said ~~other~~ second radio-relay station is connected to said radio-relay terminating station, said ~~other~~ second address pool makes up said plurality of network addresses and said first address pool is not ~~renewed~~ updated and said ~~third~~ second network address is not ~~renewed~~ updated.

8. (Currently Amended) The network address assigning method according to claim 6, wherein said wireless network system includes ~~an other~~ a second radio-relay terminating station and wherein, when said ~~other~~ second radio-

relay station is connected to said ~~other~~ second radio-relay terminating station, said network address assigning method comprises:

a step of feeding ~~an other~~ a second plurality of network addresses being different from said plurality of network addresses to said ~~other~~ second radio-relay terminating station;

a step of notifying said ~~other~~ second radio-relay station of ~~said other~~ a fourth address pool making up a part of said other plurality of network addresses;

a step of notifying said first radio-relay station of ~~still an other~~ a third address pool making up ~~[[a]]~~ another part of said other plurality of network addresses via said second radio-relay station as a parent station; and

a step of assigning a fourth network address belonging to ~~still an other~~ said third address pool to said wireless terminal.

9. (Currently Amended) The network address assigning method according to claim 8, wherein each of said ~~plurality of~~ network addresses contains a value corresponding to ~~[[said]]~~ one of the radio-relay terminating station and wherein, when said value belonging to said first network address is different from said value belonging to said third network address, still said ~~other~~ third address pool is notified.